HMS Rifleman (AN/PRC-154)
Demo

1. REPORT DATE	2. REPORT TYPE	3. DATES COVERED
JUL 2012		**00-00-2012 to 00-00-2012**

4. TITLE AND SUBTITLE	5a. CONTRACT NUMBER
HMS Rifleman (AN/PRC-154) Demo	5b. GRANT NUMBER
	5c. PROGRAM ELEMENT NUMBER

6. AUTHOR(S)	5d. PROJECT NUMBER
	5e. TASK NUMBER
	5f. WORK UNIT NUMBER

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)	8. PERFORMING ORGANIZATION REPORT NUMBER
Joint Program Executive Office Joint Tactical Radio System (JPEO JTRS),33000 Nixie Way,San Diego,CA,92147-5110	

9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)	10. SPONSOR/MONITOR'S ACRONYM(S)
	11. SPONSOR/MONITOR'S REPORT NUMBER(S)

12. DISTRIBUTION/AVAILABILITY STATEMENT

Approved for public release; distribution unlimited

13. SUPPLEMENTARY NOTES

Presented at the Pacific Spectrum Management Conference, July 23-26, 2012, Camp H.M. Smith, HI

14. ABSTRACT

15. SUBJECT TERMS

16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT	b. ABSTRACT	c. THIS PAGE	**Same as Report (SAR)**	**5**	
unclassified	**unclassified**	**unclassified**			

HANDHELD, MANPACK
SMALL FORM FIT

- Voice and IP Data demonstration
  - Instant Messaging
- Position Location Information (PLI)
- Network Capability

HANDHELD, MANPACK
AND SMALL FORM FIT

Voice & Data

Voice over Soldier Radio Waveform (SRW)

- Secure intra-platoon communications
- Voice call groups
- Beyond line-of-sight
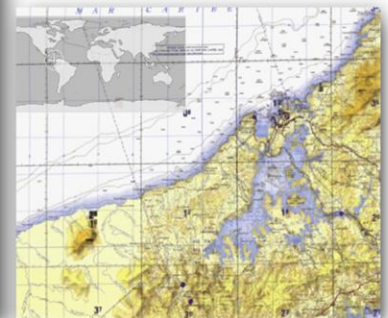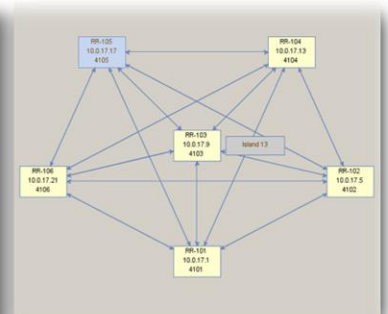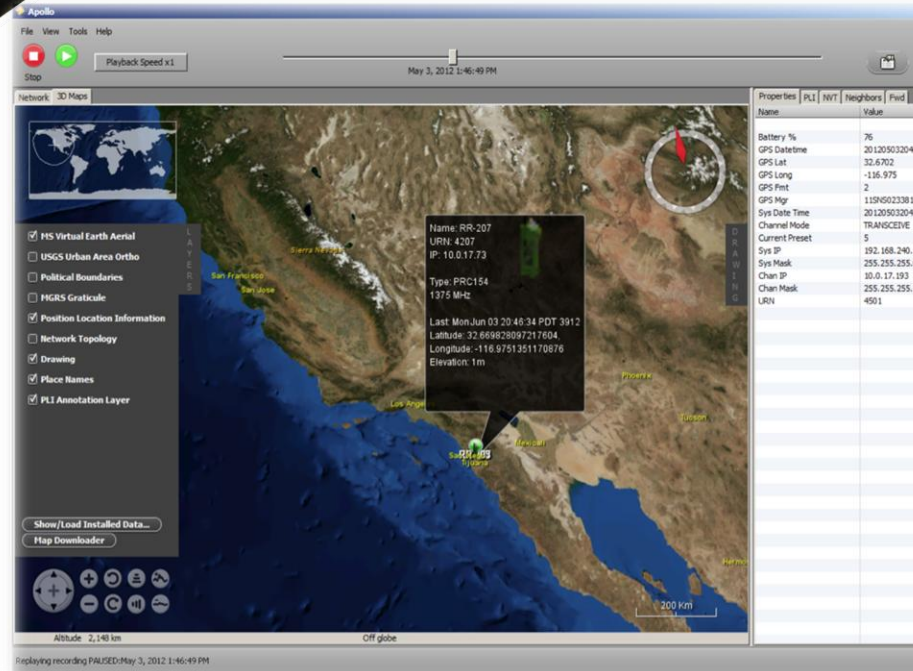

Internet Protocol (IP) Data over SRW

- Instant messaging
- File transfer
- Network connectivity

2

PLI over SRW

- GPS Lat/Lon or Military Grid Reference
System (MGRS) Coordinates
- Standard Variable Message Format (VMF)
K5.01 Messages
- Broadcast via IP Multicast

Demo Network

**SRW Network
UHF or L-Band**

RR-101

RR-105

RR-102

RR-104

RR-103